

IN THE CLAIMS:

Please cancel without prejudice non-elected claims 9-20, 29-40 and 49-60 and add new claims 69-74, as indicated in the complete listing of claims provided below.

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1-20. (canceled)

21. (previously presented) A method to serve a remote device, the method comprising:  
generating, at a host, a first image of a virtual desktop to indicate a state of the virtual desktop, the virtual desktop representing a graphical desktop environment for controlling the host;  
sending the first image in a compressed image format to the remote device;  
receiving a first message from the remote device, the first message indicating user input received with respect to the first image;  
applying the user input to the virtual desktop at a location corresponding to a location at which the user input is received with respect to the first image at the remote device;  
generating, at the host, a second image of the virtual desktop, the second image indicating a state of the virtual desktop after the user input is applied to the virtual desktop; and  
sending the second image of the virtual desktop to the remote device.
22. (previously presented) A method as in claim 21, wherein the user input comprises a click on a point on the first image; and, to generate the second image, the host applies a click to the virtual desktop at a point that corresponds to the point on the first image.

23. (previously presented) A method as in claim 21, wherein the user input comprises a double-click on a point on the first image; and, to generate the second image, the host applies a double-click to the virtual desktop at a point that corresponds to the point on the first image.
24. (previously presented) A method as in claim 21, wherein the user input comprises a drag-and-drop on the first image; and, the host applies a drag-and-drop to the virtual desktop at locations that correspond to locations where the drag-and-drop on the first image is received at the remote device.
25. (previously presented) A method as in claim 22, further comprising:  
sending, to the remote device, a second message from the host, the second message instructing the remote device to prompt for text input;  
wherein the click applied to the virtual desktop allows text input at a location on the virtual desktop.
26. (previously presented) A method as in claim 21, wherein the virtual desktop comprises a virtual web browser; and, the virtual web browser renders web pages requested by the remote device at the host into images.
27. (previously presented) A method as in claim 21 further comprising:  
dividing the first image into a plurality of sections;  
wherein the plurality of sections are sent to the remote device in a sequence according to a display priority in the compressed image format.

28. (previously presented) A method as in claim 21, wherein the first image is sent from the host to the remote device through a wireless telecommunication link.

29-40. (canceled)

41. (previously presented) A machine readable medium containing executable computer program instructions which when executed by a data processing system cause said system to perform a method to serve a remote device, the method comprising:

generating, at a host, a first image of a virtual desktop to indicate a state of the virtual desktop, the virtual desktop representing a graphical desktop environment for controlling the host;

sending the first image in a compressed image format to the remote device;

receiving a first message from the remote device, the first message indicating user input received with respect to the first image;

applying the user input to the virtual desktop at a location corresponding to a location at which the user input is received with respect to the first image at the remote device;

generating, at the host, a second image of the virtual desktop, the second image indicating a state of the virtual desktop after the user input is applied to the virtual desktop; and

sending the second image of the virtual desktop to the remote device.

42. (previously presented) A medium as in claim 41, wherein the user input comprises a click on a point on the first image; and, to generate the second image,

the host applies a click to the virtual desktop at a point that corresponds to the point on the first image.

43. (previously presented) A medium as in claim 41, wherein the user input comprises a double-click on a point on the first image; and, to generate the second image, the host applies a double-click to the virtual desktop at a point that corresponds to the point on the first image.
- ✓ 44. (previously presented) A medium as in claim 41, wherein the user input comprises a drag-and-drop on the first image; and, the host applies a drag-and-drop to the virtual desktop at locations that correspond to locations where the drag-and-drop on the first image is received at the remote device.
45. (previously presented) A medium as in claim 42, wherein the method further comprises:  
sending, to the remote device, a second message from the host, the second message instructing the remote device to prompt for text input;  
wherein the click applied to the virtual desktop allows text input at a location on the virtual desktop.
46. (previously presented) A medium as in claim 41, wherein the virtual desktop comprises a virtual web browser; and, the virtual web browser renders web pages requested by the remote device at the host into images.
47. (previously presented) A medium as in claim 41 wherein the method further comprises:

dividing the first image into a plurality of sections;  
wherein the plurality of sections are sent to the remote device in a sequence  
according to a display priority in the compressed image format.

48. (previously presented) A medium as in claim 41, wherein the first image is sent from the host to the remote device through a wireless telecommunication link.

49-60. (canceled)

61. (previously presented) A host to serve a remote device, the host comprising:  
means for generating, at the host, a first image of a virtual desktop to indicate a state of the virtual desktop, the virtual desktop representing a graphical desktop environment for controlling the host;  
means for sending the first image in a compressed image format to the remote device;  
means for receiving a first message from the remote device, the first message indicating user input received with respect to the first image;  
means for applying the user input to the virtual desktop at a location corresponding to a location at which the user input is received with respect to the first image at the remote device;  
means for generating, at the host, a second image of the virtual desktop, the second image indicating a state of the virtual desktop after the user input is applied to the virtual desktop; and  
means for sending the second image of the virtual desktop to the remote device.

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62. (previously presented) A host as in claim 61, wherein the user input comprises a click on a point on the first image; and, to generate the second image, the host applies a click to the virtual desktop at a point that corresponds to the point on the first image.
  63. (previously presented) A host as in claim 61, wherein the user input comprises a double-click on a point on the first image; and, to generate the second image, the host applies a double-click to the virtual desktop at a point that corresponds to the point on the first image.
  64. (previously presented) A host as in claim 61, wherein the user input comprises a drag-and-drop on the first image; and, the host applies a drag-and-drop to the virtual desktop at locations that correspond to locations where the drag-and-drop on the first image is received at the remote device.
  65. (previously presented) A host as in claim 62, further comprising:  
means for sending, to the remote device, a second message from the host, the second message instructing the remote device to prompt for text input;  
wherein the click applied to the virtual desktop allows text input at a location on the virtual desktop.
  66. (previously presented) A host as in claim 61, wherein the virtual desktop comprises a virtual web browser; and, the virtual web browser renders web pages requested by the remote device at the host into images.

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67. (previously presented) A host as in claim 61 further comprising:  
means for dividing the first image into a plurality of sections;  
wherein the plurality of sections are sent to the remote device in a sequence  
according to a display priority in the compressed image format.
  68. (previously presented) A host as in claim 61, wherein the first image is sent from  
the host to the remote device through a wireless telecommunication link.
  69. (new) A method as in claim 21, wherein a size of the first image is different from  
a size of a display area of the remote device.
  70. (new) A method as in claim 69, wherein the first image is larger than the display  
area of the remote device.
  71. (new) A medium as in claim 41, wherein a size of the first image is different from  
a size of a display area of the remote device.
  72. (new) A medium as in claim 71, wherein the first image is larger than the display  
area of the remote device.
  73. (new) A host as in claim 61, wherein a size of the first image is different from a  
size of a display of the remote device.
  74. (new) A host as in claim 73, wherein the first image is larger than the display of  
the remote device.
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